



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

D3552-11
Job Sheet 178197



Part No: D3552-11

Job Qty: 8 ea

Part Name: Door Prop



Part Weight: 0 lbs

Status: Scheduled

Priority: Medium

Job Created: 5/28/18

Job Tracking No:

Due Date: 6/6/18

Created By: Chantal Lavoie

Type: Stock

Description:

Note: DWG D3552 Rev M IPP Rev:B 09-04-20 rev.d as per dwg DD verified by:EC IPP Rev:C as per dwg RevE DD 10.02.17 verified by:EC IPP Rev:D 10.12.03 as per dwg rev.G DD verf:EC/ IPP Rev E 18.04.05 Rev M DP Verify DD

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup hrs	Run Hrs	Workcenter / Supplier	Lead Time	
100	Purchasing	8 pcs	6/6/18	6/6/18	0.00	0.00	Purchasing		At 18/06/18
110	Packaging	8 pcs	6/6/18	6/6/18	0.00	0.00	Packaging2		At 18/06/18
120	QC	8 pcs	6/6/18	6/6/18	0.00	0.00	QC6		38
130	Packaging	8 pcs	6/6/18	6/6/18	0.00	0.00	Packaging3-1		9-89 DAS
140	QC21-SA	8 Ea	6/6/18	6/6/18	0.00	0.00	QC21		21

Part Op 100 - Issue P/O: 40041 Purchase Part Number: B8-240-575-150N Supplier: LS Technologies Certificate of Descriptions: conformity is required

110 - Ensure certificate of conformity is attached

120 - Test for correct pressure

MAY 29 2018

DAS
13
9-89

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
B8-240-575-150N	Gas Spring D3552-11	8 pcs (1 ea)	100-Purchasing	5029768

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
100-Purchasing	B8-240-575-150N	8	0	0

Part Specifications

Specifications could not be found.

Plex 5/28/18 3:17 PM dart.lavoie.chantal



Container No: S079777



Part: D3552-11

Job No: 178197

Serial No/Batch: S079777

Revision: M

Inspector:

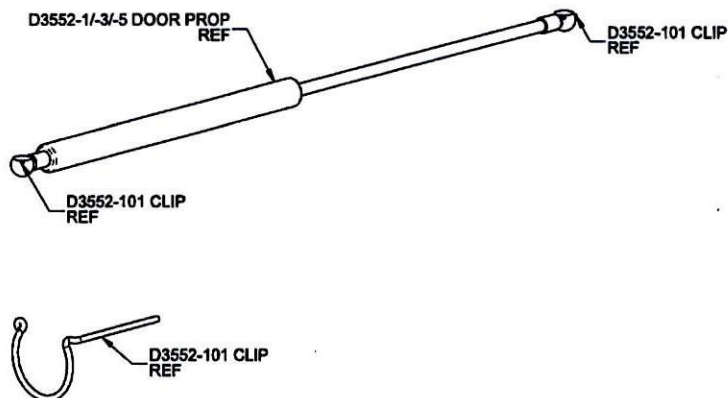
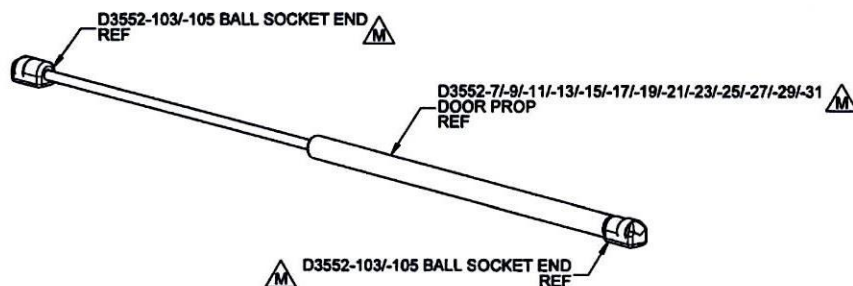
Exp Date:

Instructions:

Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K64 1K7
CANADA
TEL: 1 613 632-6200
Email: sales@dartaero.com
www.dartaerospace.com

Date: 06/11/18

SPECIFICATION CONTROL DRAWING



RELEASED

2018 APR 02
ECW 16-655

M	ADD P/N D3552-31, REF CIR18-114, UPDATED P/N D3552-101/-103, ADDED P/N D3552-105, REVISED NOTE 3, ADDED NOTE 4	WK	18.03.20
L	ADD P/N D3552-28	VS	15.04.13
K	ADD "X" TO LS TECHNOLOGIES P/Ns TO DESIGNATE "EXTRA DAMPING" FOR D3552-15/-17/-19/-23/-27, REASON: PAR12-209.	MB	12.07.16
J	ADD P/N D3552-25/-27, REMOVE ALTERNATE PART NUMBER FOR -15, -17 AND -19, STROKE FOR -15, -17 AND -19 WAS 139/6.06 NOW 154/6.06, EXTENDED LENGTH FOR -15, -17 AND -19 WAS 388/15.2 NOW 387/15.2.	AP	11.12.07
I	ADD P/N D3552-23	RF	11.10.11
H	ADD P/N D3552-21	DC	11.03.10
G	FOR -15, FORCE:300/87.4 WAS 400/89.9, SUPPLIER P/N B8-154-387-300N WAS B8-154-387-400N, FOR -17, STROKE: 139/6.47 WAS 160/6.30, EXT LG: 389/15.2 WAS 407/16.0, SUPPLIER P/N B8-154-387-159N WAS B8-167-408-159N	JPH	10.11.01
F	ADD P/N D3552-15/-17/-19 AND ALTERNATE SUPPLIER	JPH	10.07.27
E	ADD P/N D3552-13 ZN B8-1, A8-1, D8-1, CHANGE NAME FROM "GAS SPRING" TO "DOOR PROP" THROUGH OUT DWG	HS	10.02.03
D	ADD P/N D3552-101 ZN D8-1, C7-1, C1-1 AND D3552-103 ZN D1-1 AND C2-1 AND ZN B8-1; ADD NOTE REGARDING D3552-101 AND D3552-103 COMPATIBILITY ZN A8-1	HS	09.04.02
C	ADD D3552-11 AND CONVERSIONS FOR INSPECTION; UPDATE P/N FOR D3552-7	LE	07.08.01
B	ADD D3552-7/-9; UPDATE DESC. D3552-1/-3/-5	LE	06.10.24
A	NEW ISSUE	LE	06.09.15
REV.	DESCRIPTION	BY	DATE
DESIGN	VS	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	WK		
CHECKED	RF	DRAWING NO.	REV. M
MFG. APPR.	RA	D3552	SHEET 1 OF 2
APPROVED	HS	TITLE	SCALE
DE APPR.	DS	DOOR PROP	NTS
DATE	18.03.20	COPYRIGHT © 2006 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL, AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	

APPROVED



DART PART NUMBER	DESCRIPTION	STROKE (mm/in)	EXTENDED LENGTH (mm/in)	FORCE (N/lb)	END FITTING	MATERIAL	SUPPLIER	SUPPLIER PART NUMBER OR MODEL NUMBER
D3552-1	DOOR PROP	220/8.66	530/20.6	70/15.7	10mm SS BALL SOCKET	CARBON STEEL	LS TECHNOLOGIES	C8-220-530-070N
D3552-3	DOOR PROP	200/7.87	490/19.3	200/45.0	10mm SS BALL SOCKET	CARBON STEEL	LS TECHNOLOGIES	C8-200-490-200N
D3552-5	DOOR PROP	175/6.89	430/16.9	150/33.7	10mm SS BALL SOCKET	CARBON STEEL	LS TECHNOLOGIES	C8-175-430-150N
D3552-7	DOOR PROP	220/8.66	530/20.9	70/15.7	10mm NYLON BALL SOCKET	CARBON STEEL	LS TECHNOLOGIES	B8-220-530-070N
D3552-9	DOOR PROP	200/7.87	490/19.3	200/45.0	10mm NYLON BALL SOCKET	CARBON STEEL	LS TECHNOLOGIES	B8-200-490-200N
D3552-11	DOOR PROP	240/9.45	575/22.6	150/33.7	10mm NYLON BALL SOCKET	CARBON STEEL	LS TECHNOLOGIES	B8-240-575-150N
D3552-13	DOOR PROP	220/8.66	530/20.9	140/31.5	10mm NYLON BALL SOCKET	CARBON STEEL	LS TECHNOLOGIES	B8-220-530-140N
D3552-15	DOOR PROP W/EXTRA DAMPING	154/6.06	387/15.2	300/67.4	10mm NYLON BALL SOCKET	CARBON STEEL	LS TECHNOLOGIES	B8-154-387-300NX
D3552-17	DOOR PROP W/EXTRA DAMPING	154/6.06	387/15.2	156/35.1	10mm NYLON BALL SOCKET	CARBON STEEL	LS TECHNOLOGIES	B8-154-387-156NX
D3552-19	DOOR PROP W/EXTRA DAMPING	154/6.06	387/15.2	60/13.5	10mm NYLON BALL SOCKET	CARBON STEEL	LS TECHNOLOGIES	B8-154-387-060NX
D3552-21	DOOR PROP	167/6.57	410/16.1	70/15.7	10mm NYLON BALL SOCKET	CARBON STEEL	LS TECHNOLOGIES	B8-167-410-070N
D3552-23	DOOR PROP	190/7.48	475/18.7	70/15.7	10mm NYLON BALL SOCKET	CARBON STEEL	LS TECHNOLOGIES	B8-190-475-070N
D3552-25	DOOR PROP W/EXTRA DAMPING	148/5.83	475/18.7	300/67.4	10mm NYLON BALL SOCKET	CARBON STEEL	LS TECHNOLOGIES	B8-148-475-300NX
D3552-27	DOOR PROP W/EXTRA DAMPING	148/5.83	475/18.7	156/35.1	10mm NYLON BALL SOCKET	CARBON STEEL	LS TECHNOLOGIES	B8-148-475-156NX
D3552-29	DOOR PROP	190/7.48	475/18.7	100/22.5	10mm NYLON BALL SOCKET	CARBON STEEL	LS TECHNOLOGIES	B8-190-475-100N
D3552-31	DOOR PROP	190/7.48	475/18.7	147/33.0	10mm NYLON BALL SOCKET	CARBON STEEL	LS TECHNOLOGIES	B8-190-475-147N
D3552-101	CLIP	N/A	N/A	N/A	N/A	CARBON STEEL	LS TECHNOLOGIES	C9-8
D3552-103	BALL SOCKET END	N/A	N/A	N/A	N/A	NYLON	LS TECHNOLOGIES	B8
D3552-105	BALL SOCKET END	N/A	N/A	N/A	N/A	NYLON	LS TECHNOLOGIES	B8

D3552-X DOOR PROP

RELEASED

2018 APR 02

NOTES:

- IDENTIFICATION: IDENTIFY PER QSI 044 6.2
- D3552-101 CLIP IS ONLY COMPATIBLE WITH D3552-1/-3/-5 DOOR PROPS
- D3552-103 BALL SOCKET END IS COMPATIBLE WITH D3552-13/-21/-23/-29/-31 DOOR PROPS
- D3552-105 BALL SOCKET END IS COMPATIBLE WITH D3552-7/-9/-11/-15/-17/-19/-25/-27 DOOR PROPS

APPROVED

DESIGN	VS	DART AEROSPACE LTD	
DRAWN	WK	HAWKESBURY, ONTARIO, CANADA	
CHECKED	RF	DRAWING NO.	REV. M
MFG. APPR.	RA	D3552	SHEET 2 OF 2
APPROVED	HS	TITLE	SCALE
DE APPR.	DS	DOOR PROP	NTS
DATE	18.03.20	COPYRIGHT © 2008 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL, AND IS SUPPLIED ON THE EXPRESS UNDERSTANDING THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR DISSEMINATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER **PO040041**

Supplier: LST001-VC
LS Technologies Inc.
1634 Saskatchewan Ave.
Saskatoon
SK
S7K 1P6 Canada
Phone: 306 683 5000
Fax: 306 683 6403

PO No: PO040041

PO Date: 5/29/18

Due Date: 6/6/18

Purchase Order

Revision:

Revision Date:

Ship-To Contact: Lavoie, Chantal
Phone: clavoie@dartaero.com

E-MAILED
MAY 29 2018

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

Via: Ground

Pynt Terms: Net 30

Freight Terms:

Special Comments:

Items

Line Item	Part	Supplier Part No	Item No	Description	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	B8-240-575-150N			Gas Spring D3552-11 As Per Dwg D3552 Rev. L	Firmed	6/6/18	8 pcs	0 pcs	8 pcs	\$33.00/pcs	\$264.00
Line Item Note w/o 178197											
2	SSA4/8-122-310-360N			Gas Spring D3969-3 As Per Dwg D3969	Firmed	6/6/18	10 pcs	0 pcs	10 pcs	\$51.85/pcs	\$518.50
Line Item Note w/o 178198											

Grand Total: \$782.50

Order Notes

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Procurement Quality Clauses

A005 RIGHT OF ENTRY

A007 FIRST ARTICLE INSPECTION (FAI) BY SELLER, (DOCUMENTATION MAINTAINED BY SUPPLIER)

A012 CHEMICAL AND PHYSICAL TEST REPORTS

A016 PERSONNEL QUALIFICATION

A017 RAW MATERIAL IDENTIFICATION (AS APPLICABLE)

A026 CERTIFICATION OF MATERIAL CONFORMANCE

A041 QUALITY MANAGEMENT SYSTEM

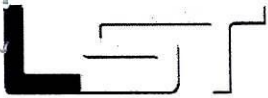
A042 DART NOTIFICATION BY SUPPLIER

A043 RETENTION OF QUALITY DOCUMENT

A048 COUNTERFEIT PARTS AVOIDANCE, DETECTION, MITIGATION AND DISPOSITION PROGRAM

A049 SUPPLIER AWARENESS

Plex 5/29/18 2:07 PM dart.lavoie.chantal



LS TECHNOLOGIES INC

1634 Saskatchewan Ave
Saskatoon, SK S7K 1P6

Packing Slip

P.O. No.	Date	Invoice #
040041	6/4/2018	18556

Bill to:
Dart Aerospace Ltd 1270 Aberdeen St. Hawkesbury, ON K6A 1K7

Ship to:
Main Finished Goods Location Dart Aerospace Ltd 1270 Aberdeen St. Hawkesbury, ON K6A 1K7

Ship	Via	FOB
6/4/2018	Fed-Ex	

Qty	Description
8	D3552-11 #178197 Gas Spring ✓
10	D3969-3 #178198 Stainless Gas Spring (SSA4/8-122-310-360N) LABELLED WITH PERMANT INK MARKER ONLY - NO LABELS Shipping Via FED EX GROUND Tracking # 772387788131

SP18-6-11

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Order checked by :



LS Technologies Inc

1634 Saskatchewan Ave,
Saskatoon, SK S7K 1P6
Ph: (306) 683-5000 Fax: (306) 683-6403

Certificate of Compliance

June 04, 2018

This is to certify that the parts listed below meets specifications as required by your order.

8 Units: D3552-11 #178197 Carbon Steel Gas Spring

10 Units: D3969-3 #178198 Stainless Steel Gas Spring

Country of Manufacture: Canada

Date of Manufacture : June 2018

This product is ROHS compliant.

Purchase Order # 040041

Invoice # 18556

L S Technologies Inc Canada

A blue ink signature of Nolan Fehr, consisting of a large loop and a trailing flourish, written over a horizontal line.

Nolan Fehr
President

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